

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Jun Koyama

Art Unit : ~~Unknown~~ 2629

Serial No. : Unassigned

Examiner : ~~Unknown~~ Kevin Nguyen

Filed : July 26, 2001

Title : ELECTRO-OPTICAL DEVICE AND DRIVING METHOD OF THE SAME

Commissioner for Patents  
Washington, D.C. 20231J1046 U.S. PTO  
09/012596INFORMATION DISCLOSURE STATEMENT

Applicant submits the references listed on the attached form PTO-1449, copies of which are enclosed.


Submitted herewith is an English translation of the following foreign language reference, or portion thereof:

Desig. ID	Source
AL	Japanese Patent Application No. 08-286170 - Derwent file 352;
KMN	#011047349; English Abstract; WPI Acc No: 1997-025273/199703; XRPX Acc No: N97-021091

This statement is being filed with the application. Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: July 26, 2001

  
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06/02/2006

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 12732-056001	Application No.
Information Disclosure Statement by Applicant (Use several sheets if necessary)  (37 CFR §1.98(b))		Applicant Jun Koyama	
		Filing Date July 26, 2001	Group Art Unit 2674

J1046 U.S. PTO  
09/21/2596  
07/26/01

## U.S. Patent Documents


Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
KN	AA	5,712,652	01/27/1998	Sato et al.			02/16/1996
KN	AB	5,798,746	08/25/1998	Koyama			12/23/1994
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	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
KN	AL	08-286170	11/01/1996	Japan	G02F	1/133	XX	
	AM							
	AN							
	AO							
	AP							

## Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
KN	AQ	Shimoda et al.; "Current Status and Future of Light-Emitting Polymer Display Driven by Poly-Si TFT"; <u>SID 99 Digest</u> ; pp. 372-375; 1999
KN	AR	Shimoda et al.; "High Resolution Light Emitting Polymer Display Driven By Low Temperature Polysilicon Thin Film Transistor With Integrated Driver"; <u>Asia Display 98</u> ; pp. 217-220
KN	AS	Han et al.; "Green OLED with Low Temperature Poly Si TFT"; <u>Euro Display Late-news Papers</u> ; pp. 27-30; September, 1999
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Examiner Signature 	Date Considered 10/14/03
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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Substitute Form PTO-1449 (Modified)  <b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)  (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 12732-056001	Application No. 09/910,005
	Applicant Jun Koyama		
	Filing Date July 26, 2001	Group Art Unit 2674 Technology Center 2600	

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## U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
KMN	AA	5,771,031	06/23/1998	KINOSHITA et al.			
	AB	5,907,313	5/25/1999	KUBOTA et al.			
	AC	6,344,843	02/05/2002	KOYAMA et al.			
	AD	6,535,192	03/18/2003	SUNG et al.			
	AE	6,545,654	04/08/2003	JACOBSEN et al.			
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	AH	2002/0003521	01/10/2002	MATSUEDA et al.			
	AI	2002/0021274	02/21/2002	KOYAMA et al.			
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## Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Sub-class	Translation	
							Yes	No
KMN	AP	JP10-253941	25 SEP 1998	JAPAN			Abstract	
	AQ							
	AR							

## Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
KMN	AS	KOYAMA et al., "A 4.0-in. Poly Si TFT-LCD with Integrated 6-bit Digital Data Driver Using CGS Technology", Digest of Technical Papers - AM-LCD '99, pages 29-32, July 14-16, 1999.
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Examiner Signature /Kevin M. Nguyen/	Date Considered 06/02/2006
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Disclosure Form (PTO-1449)

Substitute Form PTO-1449 (Rev. 11-2003)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 12732-056001	Application No. 09/912,596
<b>Information Disclosure Statement</b> <b>by Applicant</b> (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Jun Koyama	
		Filing Date July 26, 2001	Group Art Unit 2674

### U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
KMN	AA	2002/0039087	04/04/2002	Inukai			09/27/2001
	AB	2002/0057244	05/16/2002	Koyama et al.			11/09/2001
	AC	2002/0089483	07/11/2002	Yamazaki et al.			02/19/2002
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	AF	5,339,090	08/16/1994	Crossland et al.			09/10/1992
	AG	5,959,598	09/28/1999	McKnight			02/09/1996
	AH	6,333,737	12/25/2001	Nakajima			03/17/1999
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							Yes	No
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	AT							

### Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
KMN	AU	M.A. Baldo et al.; "Highly efficient phosphorescent emission from organic electroluminescent devices"; <i>Nature</i> , Vol. 395; September 10, 1998, pp. 151-154.

Examiner Signature  /Kevin M. Nguyen/	Date Considered  06/02/2006
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office		Attorney's Docket No. <b>12732-056001</b>	Application No. <b>09/912,596</b>
<b>Information Disclosure Statement</b> <b>by Applicant</b> (Use several sheets if necessary) (37 CFR §1.98(b))				Applicant <b>Jun Koyama</b>	
				Filing Date <b>July 26, 2001</b>	
<b>Other Documents (include Author, Title, Date, and Place of Publication)</b>					
Examiner Initial	Desig. ID	Document			
KMN	AV	M.A. Baldo et al.; "Very high-efficiency green organic light-emitting devices based on electrophosphorescence"; <i>Applied Physics Letters</i> , Vol. 75, No. 1; July 5, 1999, pp. 4-6.			
KMN	AW	Tetsuo Tsutsui et al.; "Electroluminescence in Organic Thin Films"; <i>Photochemical Processes in Organized Molecular Systems</i> ; September 22, 1990, pp. 437-450.			
KMN	AX	Tetsuo Tsutsui et al.; "High Quantum Efficiency in Organic Light-Emitting Devices with Iridium-Complex as a Triplet Emissive Center"; <i>Japan Journal of Applied Science</i> ; December 15, 1999, Vol. 38, Part 2, No. 12B, pp. L1502-L1504.			

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		Applicant Jun Koyama	
		Filing Date July 26, 2001	Group Art Unit 2674

**Information Disclosure Statement**  
**by Applicant**  
(Use several sheets if necessary)

(37 CFR §1.98(b))

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Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
KMN	AA	2002-0000969	01/03/2002	Ozawa			04/25/2001
	AB	2002-0130828	09/19/2002	Yamazaki et al.			12/21/2001
	AC	2003-0067632	04/10/2003	Ohta et al.			11/12/2002
	AD	2003-0098875	05/29/2003	Kurokawa et al.			11/18/2002
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	AF	2004-0164322	08/26/2004	Kondo et al.			08/14/2003
	AG	5,125,045	06/23/1992	Murakami et al.			11/17/1988
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	AL	6,545,708	04/08/2003	Tamayama et al.			07/07/1998
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	AN	6,683,596	01/27/2004	Ozawa			04/25/2001
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Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Sub-class	Translation	
							Yes	No
KMN	AP	JP11-064814	05 MAR 1999	JAPAN			Abstract	
	AQ							
	AR							

Other Documents (include Author, Title, Date, and Place of Publication)		
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	AU	

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	AL						
	AM						
	AN						
	AO						

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							Yes	No
	AP							
	AQ							
	AR							

### Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
KMN	AS	Office Action (U.S. Application No. 09/916,306), January 25, 2005, 15 pages.
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Examiner Signature /Kevin M. Nguyen/	Date Considered 06/02/2006
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